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Amendment to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims

1.(previously presented) An end-effector device for use with an electrosurgical instrument for robotic surgery, the end-effector device comprising:

at least one active electrode at a distal end of the device;

coupling means adjacent a proximal end of the device for coupling the device with the electrosurgical instrument; and

at least one insulation material disposed at least partially around the active electrode for inhibiting conduction of electrical current from the active electrode to the electrosurgical instrument.

2.(previously presented) An end-effector device as in claim 1, wherein the at least one active electrode comprises a scalpel blade, a beaver blade, a hook, a spatula, movable jaws, scissors, a needle point, hockey stick, dissectors, or a probe.

3.(previously presented) An end-effector device as in claim 1, wherein the at least one active electrode transmits radiofrequency energy.

4. (previously presented) An end-effector device as in claim 1, wherein the coupling means provides for removable coupling of the device with the electrosurgical instrument.

5.(previously presented) An end-effector device as in claim 4, wherein the coupling means comprise mechanical attachments.

6. (previously presented) An end-effector device as in claim 5, wherein the coupling means comprise threading within an end-effector sleeve for attachment with complimentary threading on a mating component permanently attached to the electrosurgical instrument.

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7. (previously presented) An end-effector device as in claim 5, wherein the coupling means comprise at least one spring tab or latching member on the proximal end of the device for attachment with at least one protrusion within a housing permanently attached to the electrosurgical instrument.

8. (previously presented) An end-effector device as in claim 4, wherein the coupling means comprise electrical attachments.

9. (previously presented) An end-effector device as in claim 8, wherein the coupling means comprise an electrical connector on the proximal end of the device for electrical connection with a transmission member via a spring member of the electrosurgical instrument.

10. (previously presented) An end-effector device as in claim 8, wherein the coupling means comprise an electrical connector on the proximal end of the device for electrical connection with a transmission member via a gripping member of the electrosurgical instrument.

11. (previously presented) An end-effector device as in claim 8, wherein the coupling means comprise an electrical connector on the proximal end of the device and an electrical tab on the proximal end of the electrical connector for electrical connection with a transmission member via an electrical platform of the electrosurgical instrument.

12. (previously presented) An end-effector device as in claim 8, further comprising at least one o-ring or silicone potting associated with the coupling means to seal the electrical connection.

13. (previously presented) An end-effector device as in claim 4, wherein the end-effector device is disposable.

14. (previously presented) An end-effector device as in claim 4, further comprising a lockout feature associated with the coupling means for preventing re-use of the end-effector device

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15. (previously presented) An end-effector device as in claim 1, wherein the coupling means provides for permanent coupling of the device with the electrosurgical instrument.

16. (previously presented) An end-effector device as in claim 1, wherein the at least one insulation material comprises:

a first insulation layer disposed at least partially around the active electrode; and

a second insulation layer disposed at least partially around the first layer or the active electrode.

17. (previously presented) An end-effector device as in claim 16, wherein the first layer comprises ceramic material, glass, silicone, polypropylene, fluoropolymer, or insulating plastic.

18. (previously presented) An end-effector device as in claim 17, wherein the second layer comprises ceramic material, glass, silicone, polypropylene, fluoropolymer, or insulating plastic.

19. (previously presented) An end-effector device as in claim 17, wherein the first layer comprises a first insulation material completely encircling part of the active electrode, and wherein the second layer comprises a second insulation material completely encircling the first layer and abutting the electrosurgical instrument.

20. - 47 (canceled)

48. (previously presented) An electrocautery end-effector for use with an electrosurgical instrument comprising a shaft, an end-effector removably coupled to a distal end of the shaft, and an interface coupleable to a proximal end of the shaft, the electrosurgical instrument for use with a robotic surgery system, the electrocautery end-effector comprising:

an electrocautery hook or spatula;

an end-effector sleeve disposed at least partially around the hook or spatula, the sleeve having threading for attachment with complimentary threading on a mating component permanently attached to the distal end of the shaft;

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an electrical connector within the sleeve for electrical connection with a transmission member via a gripping member of the mating component; and

at least one insulation material disposed at least partially around the hook or spatula for inhibiting conduction of electrical current from the active electrode to the electrosurgical instrument.